



Massachusetts Department of Environmental Protection

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Username: **MICHAELC68**

Transaction ID: **1152006**

Document: **AQ Source Registration Package (SR)**

Size of File: **2072.69K**

Status of Transaction: **Submitted**

Date and Time Created: **3/29/2023:2:47:02 PM**

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## AP4 - Transaction #1152006

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### Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

## BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

### A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection  
Bureau of Waste Prevention - Air Quality

**BWP AQ AP-4**

Emission Unit - Organic Material Storage

2017

Year of Record

12

DEP EU# (old Point#)

17.25

c.Height / Length - Feet

12

d. Diameter- feet

9500

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

872504

b.CAS number if single chemical

50300899

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

0.342

e.Vapor Pressure in PSI at 25 ° C

52

f.Temperature - typical storage temp. in Farenheit

444292

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

1.04

e.Vapor Pressure in PSI at 25° C

52

f.Temperature - typical storage temp. in Farenheit

184183

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

**B.Notes and attachement**

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-4**

Emission Unit - Organic Material Storage

2017

Year of Record

12

DEP EU# (old Point#)

**2. Attachments:**

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## AP4 - Transaction #1152006

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### Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

## BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

### A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection  
Bureau of Waste Prevention - Air Quality

**BWP AQ AP-4**

Emission Unit - Organic Material Storage

2017

Year of Record

11

DEP EU# (old Point#)

17.25

c.Height / Length - Feet

12

d. Diameter- feet

9500

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

0.03

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

159490

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

0.03

52

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

109647

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

**B.Notes and attachement**

**1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).**

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-4**

Emission Unit - Organic Material Storage

2017

Year of Record

11

DEP EU# (old Point#)

**2. Attachments:**

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## AP Stack - Transaction #1152006

Print

Exit



Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**  
Physical Vertical Stacks

2017

Year of Record

1

DEP Stack #

1190564

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

## 1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier - SSEIS ID number

## 2. Stack identifiers:

STACK #1- INCINERATOR #1-VENT-O-MATIC

a. Facility's choice of stack name - edit as needed

1

b. Facility's stack number - edit as needed

1

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual  
stacks:

## 4. Dimensions:

185

Height in feet above the ground (0.1 - 1200)

1.2

Internal Diameter in feet (0.2 - 600)

## 5. Gas Exit Velocity:

21

Low end - feet per second (0.1 - 500)

21

High end - feet per second (0.1 - 500)

## 6. Exit Temperature:

240

Low end - Fahrenheit (50 - 1800)

240

High end - Fahrenheit (50 - 1800)

## 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

## 8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**




2017
Year of Record
1
DEP Stack #
1190564
File: AQ11-1190564

[illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

INCINERATOR #1-VENT-O-MATIC WAS NOT OPERATED IN 2017.  
ON APRIL 3,1998 CHBI DISCONNECTED THE FUEL SUPPLY AND ELECTRICITY LINES THAT SUPPLIED THE INCINERATOR, AND WELDED THE  
INCINERATOR CHARGIND DOOR SHUT.

Massachusetts Department of Environmental Protection  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

1

DEP Stack #

1190564

**2. Attachments:**



Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current

Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

## AP Stack - Transaction #1152006

[Print](#)[Exit](#)**Massachusetts Department of Environmental Protection**  
**Bureau of Waste Prevention - Air Quality**  
**BWP AQ AP-STACK**

Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

**Complete one AP-STACK form for EACH physical stack at the facility****A. Stack Description:**

## 1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier - SSEIS ID number

## 2. Stack identifiers:

a. Facility's choice of stack name - edit as needed

b. Facility's stack number - edit as needed

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual stacks: 

## 4. Dimensions:

Height in feet above the ground (0.1 - 1200)

Internal Diameter in feet (0.2 - 600)

## 5. Gas Exit Velocity:

Low end - feet per second (0.1 - 500)

High end - feet per second (0.1 - 500)

## 6. Exit Temperature:

Low end - Fahrenheit (50 - 1800)

High end - Fahrenheit (50 - 1800)

## 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

## 8. Decommission Date - if applicable:

(mm/dd/yyyy) **Complete only if the stack was permanently removed****B. Emission Units Associated with Stack - eDEP Only**

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**


**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

# BWP AQ AP-STACK

## Physical Vertical Stacks

2017

Year of Record

10

DEP Stack #

1190564

[illegible][illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

THIS ROOM IS USED TO PUMP WASTE FLAMMABLE LIQUIDS AND OTHER HAZARDOUS WASTE LIQUID DRUMS.

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

10

DEP Stack #

1190564

**2. Attachments:**



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## AP Stack - Transaction #1152006

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Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

2

DEP Stack #

1190564

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

## 1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier - SSEIS ID number

## 2. Stack identifiers:

STACK #2- HURST BOILER, NO. 2 FUEL OIL

a. Facility's choice of stack name - edit as needed

2

b. Facility's stack number - edit as needed

2

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual  
stacks:

## 4. Dimensions:

35

Height in feet above the ground (0.1 - 1200)

1

Internal Diameter in feet (0.2 - 600)

## 5. Gas Exit Velocity:

50

Low end - feet per second (0.1 - 500)

50

High end - feet per second (0.1 - 500)

## 6. Exit Temperature:

212

Low end - Fahrenheit (50 - 1800)

212

High end - Fahrenheit (50 - 1800)

## 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

## 8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

EU#2-HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S

2017
Year of Record
2
DEP Stack #
1190564

[illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

Massachusetts Department of Environmental Protection  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

2

DEP Stack #

1190564

**2. Attachments:**



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## AP Stack - Transaction #1152006

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Exit



Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**  
Physical Vertical Stacks

2017

Year of Record

3

DEP Stack #

1190564

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

## 1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier - SSEIS ID number

## 2. Stack identifiers:

1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL

a. Facility's choice of stack name - edit as needed

3

b. Facility's stack number - edit as needed

3

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual  
stacks:

## 4. Dimensions:

35

Height in feet above the ground (0.1 - 1200)

1

Internal Diameter in feet (0.2 - 600)

## 5. Gas Exit Velocity:

47

Low end - feet per second (0.1 - 500)

47

High end - feet per second (0.1 - 500)

## 6. Exit Temperature:

450

Low end - Fahrenheit (50 - 1800)

450

High end - Fahrenheit (50 - 1800)

## 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

## 8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

EU#3-CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

# BWP AQ AP-STACK

## Physical Vertical Stacks

2017

Year of Record

3

DEP Stack #

1190564

[illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

CONVERTED THE CLEAVER BROOKS BOILER FROM A HIGH PRESSURE TO A LOW PRESSURE BOILER IN SEPTEMBER 2009. WORK PERFORMED BY NEW ENGLAND INDUSTRIAL BOILER.

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

3

DEP Stack #

1190564

**2. Attachments:**



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## AP Stack - Transaction #1152006

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Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**  
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier - SSEIS ID number

2. Stack identifiers:

a. Facility's choice of stack name - edit as needed

b. Facility's stack number - edit as needed

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve

b. Combined stacks-enter number of individual stacks: 

4. Dimensions:

Height in feet above the ground (0.1 - 1200)

Internal Diameter in feet (0.2 - 600)

5. Gas Exit Velocity:

Low end - feet per second (0.1 - 500)

High end - feet per second (0.1 - 500)

6. Exit Temperature:

Low end - Fahrenheit (50 - 1800)

High end - Fahrenheit (50 - 1800)

7. Stack Liner Material:

☒ Metal

☐ Brick Refractory

☐ OTHER

8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

2017
Year of Record
5
DEP Stack #
1190564
File: AQ11-1190564

[illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

Massachusetts Department of Environmental Protection  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

5

DEP Stack #

1190564

**2. Attachments:**



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## AP Stack - Transaction #1152006

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Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**  
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

### 1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier - SSEIS ID number

### 2. Stack identifiers:

a. Facility's choice of stack name - edit as needed

b. Facility's stack number - edit as needed

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual stacks: 

### 4. Dimensions:

Height in feet above the ground (0.1 - 1200)

Internal Diameter in feet (0.2 - 600)

### 5. Gas Exit Velocity:

Low end - feet per second (0.1 - 500)

High end - feet per second (0.1 - 500)

### 6. Exit Temperature:

Low end - Fahrenheit (50 - 1800)

High end - Fahrenheit (50 - 1800)

### 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

### 8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

2017
Year of Record
7
DEP Stack #
1190564

[illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).



**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

7

DEP Stack #

1190564

**2. Attachments:**



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## AP Stack - Transaction #1152006

Print

Exit



Massachusetts Department of Environmental  
Protection  
*Bureau of Waste Prevention - Air Quality*  
**BWP AQ AP-STACK**  
Physical Vertical Stacks

2017

Year of Record

9

DEP Stack #

1190564

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

## A. Stack Description:

## 1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier - SSEIS ID number

## 2. Stack identifiers:

1 STACK-2 FURNACES - LENNOX

a. Facility's choice of stack name - edit as needed

9

b. Facility's stack number - edit as needed

9

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual  
stacks:

## 4. Dimensions:

28

Height in feet above the ground (0.1 - 1200)

0.6

Internal Diameter in feet (0.2 - 600)

## 5. Gas Exit Velocity:

15

Low end - feet per second (0.1 - 500)

15

High end - feet per second (0.1 - 500)

## 6. Exit Temperature:

200

Low end - Fahrenheit (50 - 1800)

200

High end - Fahrenheit (50 - 1800)

## 7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

## 8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

## B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

EU#64-2 LENNOX FURNACES SR 20Q5-140/154

EU#LG14-INDUSTRIAL OIL FURNACE LG14-225

**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Prevention - Air Quality*

# BWP AQ AP-STACK

## Physical Vertical Stacks

2017

Year of Record

9

DEP Stack #

1190564

[illegible][illegible]

## C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

THIS UNIT WAS REMOVED FROM SERVICE IN 2009, IT WAS NOT USED IN CALENDAR YEAR 2012

THE 2 LENNOX FURNACES WERE REMOVED FROM BUILDING 6 IN SEPTEMBER 2015. THE NEW LG14 FURNACE WAS INSTALLED IN NOVEMBER 2015 AND PUT INTO SERVICE IN DECEMBER 2015. THE LG14 FURNACE VENTS OUT THE SAME STACK AS THE OLD FURNACES.

Massachusetts Department of Environmental Protection  
*Bureau of Waste Prevention - Air Quality*

**BWP AQ AP-STACK**

Physical Vertical Stacks

2017

Year of Record

9

DEP Stack #

1190564

**2. Attachments:**



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